20020805.qrp v02_n638.qrl.20020805

Date: Mon, 5 Aug 2002 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2638

QRP-L Digest 2638

Topics covered in this issue include:

 1) [131512] Atomic Keyer question
 by <mgoins@usa.net>
 2) [131513] Re: Freg.
 by Dave Fouchey <dafouchey@comcast.net>
 3) [131514] FT-817 prices @ Dayton
 by wo7t@juno.com
 4) [131515] Sign of the times??
 by "Jim Stamper" <jstamper@shentel.net>
 5) [131516] Performance of AEA or MFJ Loop.
 by "Alex Turner" <aturner13@triad.rr.com>
 6) [131517] CQ Ft. Walton Beach FL
 by Paul Womble <pwomble1@tampabay.rr.com>
 7) [131518] Re: ARRL Antenna Book 19th Edition
 by Bruce Muscolino <w6toy@erols.com>
 8) [131519] New Argonaut?
 by <mgoins@usa.net>
 9) [131520] FOX: AC7A Aug. 1 Final Log
 by Thomas Kuehl <ac7a@gci-net.com>
 10) [131521] Re: FT-897announced
 by Junichi Nakajima <nakaji@crl.go.jp>
 11) [131522] Re: ARRL Antenna Book 19th Edition
 by "George, W5YR" <w5yr@att.net>
 12) [131523] Small PCB for CPO
 by "Chetan Bhargava" <wiz@bhargavaz.net>
 13) [131524] Re: ARRL Antenna Book 19th Edition
 by "blinn" <blinn@smgazette.com>
 14) [131525] Thanks:: FT-817/Dayton Pricing
 by wo7t@juno.com
 15) [131526] Re: Slinky Supplies
 by "Bill Coady" <N9LAE@amsat.org>
 16) [131527] Re: ARRL Antenna Book 19th Edition
 by George Gingell <k3tks@u1.abs.net>
 17) [131528] RE: FT-897announced
 by Conrad Weiss <radman@best.com>
 18) [131529] RE: Sign of the times??
 by Conrad Weiss <radman@best.com>
 19) [131530] Re: New Argonaut?

by Bill ROWLETT <kc4atu@yahoo.com>
20) [131531] Re: Sign of the times??
by Bill ROWLETT <kc4atu@yahoo.com>
21) [131532] Re: Sign of the times??
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
22) [131533] Re: ARRL Antenna Book 19th Edition
by "Karl F. Larsen" <k5di@zianet.com>
23) [131534] Scoring problem NAQP de N2JNZ
by "George Osier" <gosier@twcny.rr.com>
24) [131535] KO7X E-mail ???????????
by "George Osier" <gosier@twcny.rr.com>
25) [131536] Re: Slinky Supplies
by Alex <kr1st@amsat.org>
26) [131537] Re: ARRL Antenna Book 19th Edition
by W2AGN <w2agn@w2agn.net>
27) [131538] Re: Wire and ferrite baluns
by "Karl F. Larsen" <k5di@zianet.com>
28) [131539] Re: Slinky Supplies
by Kenneth Hoglund <hoglund@wfu.edu>
29) [131540] Re: ARRL Antenna Book 19th Edition
by Bruce Muscolino <w6toy@erols.com>
30) [131541] NAQP Scoring ??????
by "George Osier" <gosier@twcny.rr.com>
31) [131542] MRX40
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
32) [131543] Viruses
by Steven Weber <kd1jv@moose.ncia.net>
33) [131544] More Tech Info -- Coax Adapter Loss -- Mosty Myth
by Chuck Carpenter <w5usj@9plus.net>
34) [131545] Re: OUCH !!!! .. QRPDUPE ??????
by Brian Kassel <bkassel@mato.com>
35) [131546] Re: Performance of AEA or MFJ Loop.
by "David J. Adams" <david@theadamsclan.com>
36) [131547] Don't Miss the Spartan Sprint Tonight!
by "John Huffman" <hjohnc@core.com>
37) [131548] RE: ARRL Antenna Book 19th Edition
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
38) [131549] RE: ARRL Section News
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
39) [131550] RE: ARRL Section News
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
40) [131551] RE: OT: ARRL Section News
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
41) [131552] Re: Wire and ferrite baluns
by "George, W5YR" <w5yr@att.net>
42) [131553] Re: Performance of AEA or MFJ Loop.
by Bruce Muscolino <w6toy@erols.com>
43) [131554] Re: MRX40

 by "Bob Tellefsen" <n6wg@earthlink.net>
 44) [131555] Items FS
 by "Makai - Staniel Cay" <makai@makai.org>
 45) [131556] Performance of small diameter loop antennas
 by "Bill Jones" <kd7s@psnw.com>
 46) [131557] Re: MRX40
 by "Rob Mathery" <w0jrm@arrl.net>
 47) [131558] Re: MRX40
 by W2AGN <w2agn@w2agn.net>
 48) [131559] Re: MRX40
 by "Chetan Bhargava" <wiz@bhargavaz.net>
 49) [131560] RE: ARRL Section News
 by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
 50) [131561] RE: ARRL Antenna Book 19th Edition
 by "Karl F. Larsen" <k5di@zianet.com>
 51) [131562] Rock-Mite Night/ARS SP!!!
 by "Rod N0RC" <rod@n0rc.us>
 52) [131563] Re: ARRL Section News
 by "Mark J. Dulcey" <mark@buttery.org>
 53) [131564] Re: ARRL Antenna Book 19th Edition
 by "Mark J. Dulcey" <mark@buttery.org>
 54) [131565] Re: Porta Paddle delivery
 by "Doug Hauff" <dhauff@digitalputty.com>
 55) [131566] www.americanmorse.com
 by "Doug Hauff" <dhauff@digitalputty.com>
 56) [131567] New photos on web page
 by Jim Giammanco <giamman@rouge.phys.lsu.edu>
 57) [131568] K1 HW9 for sale
 by "David Durant" <n4xce@bellsouth.net>
 58) [131569] Re: New photos on web page
 by David Gauding <david.gauding@bbs.galilei.com>
 59) [131570] My Bumblee Bee Contest Report w/pixs
 by "Sam Billingsley" <sambillingsley@earthlink.net>

Date: Sun, 04 Aug 2002 18:43:44 -0500
From: <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [131512] Atomic Keyer question
Message-ID: <20020804234344.15966.qmail@uwdvg003.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Does anyone happen to have a schematic/instrcutions for the Atomic Keyer?=
 =

Looking for a copy. thanks.

mike
wb5yjx

Date: Sun, 04 Aug 2002 19:57:30 -0400
From: Dave Fouchey <dafouchey@comcast.net>
To: lou@harborside.com,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131513] Re: Freg.
Message-ID: <4.1.20020804195526.009628e0@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

At 07:36 AM 8/4/02 -0700, Sparky wrote:
>What is the Freg. used for the Southern Oregon fires??

Bob Groves Monitoring Times site has a wealth of such information on it.

http://www.monitoringtimes.com/html/mtfire.html

http://www.monitoringtimes.com/html/mt_reference_library.html

http://www.grove-ent.com/

Not associated with them, just a happy customer

Dave
WA4EMR
Sterling Heights, MI

Date: Mon, 5 Aug 2002 00:36:28 GMT
From: wo7t@juno.com
To: qrp-l@lehigh.edu
Subject: [131514] FT-817 prices @ Dayton
Message-ID: <20020804.173708.8435.166202@webmail2.wlv.untd.com>

Can anyone tell me what the going "special" price was for the FT-817 this year at Dayton? Were they under $500?

Thanks in advance,
Mark

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http://dl.www.juno.com/get/web/.

Date: Sun, 4 Aug 2002 21:24:58 -0400
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131515] Sign of the times??
Message-ID: <001d01c23c1e$ea630ac0$dc1c6fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Stopped by the Shenandoah Valley ARC Hamfest today. Except for a couple of new paddles at the MFJ booth I noticed no CW keys or paddles of any kind at any of the other booths or tailgaters.

I wasn't looking for a key--just got curious. Was looking for some small variable capacitors. Saw three or four for outrageous prices Passed.

Bought 400 feet of stranded wire for my forthcoming super horizontal loop. Looked for a conjugate matcher but couldn't locate one of those either.

jim-
KG4LDY

Date: Sun, 4 Aug 2002 22:55:32 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131516] Performance of AEA or MFJ Loop.
Message-ID: <01f401c23c2b$90a83c00$be611e01@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I would like to here from users of the AEA or MFJ magnetic loops and any tips. I will shortly be in a situation where this will be my only option for an antenna and I would like some true life experiences. Also pros and cons of one brand over the other.

Thanks
Alex Turner N4BYJ

Date: Sun, 04 Aug 2002 23:18:38 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: FP List <fpqrp-l@mpna.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [131517] CQ Ft. Walton Beach FL
Message-ID: <3D4DEE8D.F88E8C3D@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will be in Ft. Walton Beach from Monday August 19th - Friday August 23rd. Looking for club meetings or other ham gatherings in the evening.

73
Paul K4FB

Date: Sun, 04 Aug 2002 23:31:54 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131518] Re: ARRL Antenna Book 19th Edition
Message-ID: <3D4DF1AA.B16071F2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thar;'s right Karl, he doesn't agree with you so tell him to leave the list! Pretty soon there will only be you!

73

>
> I gather 1-1.5k means 1000 to 1500 watts. If this is the case
> please quit this list and join another that supports operating with high
> power. Or sell your amplifiers and try working DX with 5 watts on those
> good antenna's.
>

Date: Sun, 04 Aug 2002 22:35:29 -0500
From: <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [131519] New Argonaut?
Message-ID: <20020805033529.8989.qmail@uadvg137.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Haven't heard much lately about the new Ten Tec Model 516 Argonaut V,
especially since it's now a bit more costly than it was thought to be whe=
n
originally announced. =

Comes with IF-DSP software-defined, general coverage, 0-20 watts, 10-160
meters, PSK31 with just a sound card hook-up, 60-meter capability (if tha=
t
arises), built-in keyer, and a hand mike. =

Sounds interesting to me, and I've had both the K2 and the FT-817 (and lo=
ved
them). =

mike
wb5yjx

Date: Mon, 05 Aug 2002 03:40:18 -0700

From: Thomas Kuehl <ac7a@gci-net.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131520] FOX: AC7A Aug. 1 Final Log
Message-ID: <3D4E5612.726EB650@gci-net.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

Well I was hoping my last submission was final but I have received 2
more corrections. One from K5JHP and the other from N3XRV. Hopefully
this is it.

Regards, Thomas - AC7A (Tucson).

Time (UTC)	Call	RST(S)	RST(R)	SPC	Name	Pwr (W)
0200	K3IU	559	559	RI	KEN	5
0202	N1TP	559	559	FL	TOM	5
0203	K4FB	559	579	FL	PAUL	5
0204	K7IE	559	589	OR	CLAIR	5
0205	K3PH	559	559	PA	BOB	5
0206	KB7WW	559	599	OR	ART	5
0206	K5EOA	559	559	LA	WAYNE	5
0207	W5USJ	559	559	TX	CHUCK	5
0208	AA5O	559	559	LA	VERN	5
0208	VA6RF	559	559	AB	EARL	5
0210	K4MF	559	559	FL	GARY	5
0210	K5ZTY	559	559	TX	BILL	5
0212	K4BFY	559	559	FL	JACK	5
0213	W9XU	559	559	WI	LON	5
0214	VE5RC	559	339	SK	BRUCE	5
0215	N5YFC	559	559	LA	WAYNE	5
0217	WA9TZE	559	579	WI	JIM	5
0218	K8CV	559	559	MI	WALT	5
0218	W5YR	559	559	TX	GEORGE	5
0219	K4GT	559	559	GA	JIM	5
0220	K5JHP	559	559	TX	BILL	5
0221	K8DD	559	559	MI	HANK	5
0222	K5SR	559	559	TX	DALE	5
0223	WE9K	559	339	WI	GLENN	5
0224	W0PWE	559	559	IA	JERRY	5

0225 W5TB 559 559 TX DOC 5
0226 N5ZE 559 559 TX LEW 5
0226 AF4PS 339 559 FL MAC 3
0229 K9IUA 559 559 IA KEVIN 5
0231 N5IB 559 559 LA JIM 5

0232 K5DW 559 559 TX DON 5
0232 N3XRV 559 559 PA CHRIS 5
0234 WA8BXN 559 559 OH MIKE 5
0235 KV2X 559 559 NY TOM 5
0236 K5TR 559 599 TX GEO 0.005

0237 AJ4AY 559 559 AL JAY 4
0238 N7XY 339 569 WA BOB 5
0240 N4DD 559 559 TN DENNIS 5
0241 W4NJK 339 559 CA CHARLIE 5
0246 W9HL 599 559 IL RANDY 5

0247 KK5LD 559 559 TX DAN 5
0248 W0CH 559 559 MO DAVE 5
0249 K8HJ 559 559 MI JOHN 5
0252 KJ0C 559 559 MO JIM 5
0253 AB9CA 559 559 AL DAVE 5

0254 KC1FB 559 559 CT JIM 1
0257 N9WW/1 559 559 ME JIM 5
0258 KB9YIG 339 339 IN TONY 0.5
0259 NG7Z 559 559 WA PAUL 5
0302 K7TQ 559 559 ID RANDY 0.1

0305 N9NE 559 569 WI TODD 0.1
0306 AG0T 559 559 ND TODD 4
0314 NK9G 559 559 WI RICK 5
0317 K9DC 339 549 IN DAVE 5
0319 AK7D 559 559 OR FRED 1

0321 N0IT 579 559 MO DAVE 5
0322 N8NRG 559 559 MI BILL 5
0324 VE6EX 559 559 AB DAN 5
0330 N3BJ 559 559 VA ALAN 5
0333 VE3FAL 339 559 ON FRED 5

0335 K5LSU 559 559 LA MIKE 5
0343 WD5CMA 339 559 LA GLORIA 0.1
0352 K0PC 579 579 MN PAT 5
0400 AC7A 599 599 AZ THOMAS 5

Date: Mon, 5 Aug 2002 12:58:31 +0900
From: Junichi Nakajima <nakaji@crl.go.jp>
To: qrp-l@lehigh.edu
Subject: [131521] Re: FT-897announced
Message-ID: <200208050358.MAA23687@ryuu.>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all, and especially who respond me directly
(Dave,Conrad and Charles),

Now, the additional some info

http://www.cqcqde.com/shopping/mobile/ft-897.htm

shows the features of the FT-897 in Japanese. Please use your
favorite translator site and check it out.
Or, please cut and paste following URL to your browser
(This is too long to click).

http://ocn.amikai.com/amiweb/browser.jsp?url=http%3A%2F%2Fwww.cqcqde.com
%2Fshopping%2Fmobile%2Fft-897.htm&langpair=2%2C1&c_id=ocn&lang=JA&toolba
r=yes&display=2

Since this is ad. of Japanese local ham-shop,
do not send them your e-mail. They will not export it.
Soon or later it will appear in US market.
Strangely the price is cheaper than in JA ;-)

The FT897 can carry two battery payloads and these are
replaceable to world AC-DC unit at fixed location.
Sounds interesting if one need power integrated TRX.
The big tuning nob is really needed to tuning around.

Still the other side ICOM keeps quiet. Will they show
someting new in Japanese ham-fest in this month ?

JL1KRA Junichi

Date: Sun, 04 Aug 2002 23:01:53 -0500
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131522] Re: ARRL Antenna Book 19th Edition
Message-ID: <3D4DF8B1.3F770591@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nope - just 5 watts! Sometimes a little less . . .

And I use two of those Fox Gitter 20-meter EDZ's! <:}

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

"Karl F. Larsen" wrote:
>
> On Sun, 4 Aug 2002, Dave Richards wrote:

>
> My Point about the QRP
> > antenna that you want to Introduce to the ARRL Antenna Hand Book is that an
> > 88' Dipole is not resonant on any band and requires a matching unit to make
> > it work equally badly on all bands.
> > so why devote valuable space in a very good book.
>
> I see your an expert on the 88 foot Dipole and it doesn't work
> at all. Please check with W5YR, George and explain to him why his
> antenna doesn't work well. George is thinking it works ok and usually
> works all the Foxes on 40 and 20 meters. He must be running 1-1.5k to
> those lousy antenna's...:-)

Date: Sun, 4 Aug 2002 21:06:32 -0700
From: "Chetan Bhargava" <wiz@bhargavaz.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131523] Small PCB for CPO
Message-ID: <000701c23c35$85406b80$0100a8c0@main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

http://www.elektor-electronics.co.uk/dl/details/dl1201.htm

choose LED Flasher and hit download. It downloads a zip file with a PDF in there. There is no component overlay, but the PCB is a general 555 multivibrator configuration.

Regards,

Chetan Bhargava
http://www.bhargavaz.net

Date: Sun, 4 Aug 2002 21:55:54 -0700
From: "blinn" <blinn@smgazette.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131524] Re: ARRL Antenna Book 19th Edition
Message-ID: <001401c23c3c$61da5c80$d78aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl, you can't be serious, can you. All this time I thought you were just toying with us by string us along with all this smoke and mirror stuff...

Oh, by the way... I just sold my SB 220 after a long period of no use. But I can assure you that it got a lot of use on G5RV type antennas with open wire feeders. My feedline didn't melt... I was just joining you in your fun.

You devilish feller :) you are probably sitting behind that keyboard with a sly grin thinking, "Boy, I got em going now!"

73 - Bill - WA7TQK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02

--

Date: Mon, 5 Aug 2002 04:04:42 GMT
From: wo7t@juno.com
To: qrp-L@lehigh.edu
Subject: [131525] Thanks:: FT-817/Dayton Pricing
Message-ID: <20020804.210507.1976.165967@webmail1.wlv.untd.com>

Thanks to all the prompt replies. Looks like prices on the 817 were at $499 shipped, with some maybe as low as $465.

72,
Mark

----- Original Message -----
From: <wo7t@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, August 04, 2002 8:36 PM
Subject: FT-817 prices @ Dayton

> Can anyone tell me what the going "special" price was for the FT-817 this year at Dayton? Were they under $500?
>
> Thanks in advance,
> Mark

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http://dl.www.juno.com/get/web/.

Date: Mon, 05 Aug 2002 00:10:42 -0500
From: "Bill Coady" <N9LAE@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131526] Re: Slinky Supplies
Message-ID: <200208050010420400.05B02F25@smtp.isplite.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Hey all:

 Hate to waste the bandwidth, but I couldn't resist:

********** REPLY SEPARATOR **********

On 8/4/02 at 2:06 PM Kenneth Hoglund wrote:

>I know the famed "slinky dipole" has been discussed before on the list,
>and that many have bemoaned how difficult it is to find the steel
>slinkys anymore. Well last night the family was on the road, and we
>stopped at a Cracker Barrel ("half shop, half restaurant") and lo and
>behold there was a display of 'classic toys' including the 'Original
>1945 Slinky' in all it's steel glory. $3.95 plus applicable sales tax.

 I was in Goodwill the other day, when lo and behold right in front of me a=
 little girl reached into a bucket of toys and fished out a metal slinky --=
 $1.00! I kept an eagle eye on her to see if she would get bored with it=
 and put it down, but she outlasted me. But hey, if they are only 4 bucks=
 new, I guess I didn't miss out on much!

73
Bill, N9LAE
Wausau, WI

Date: Mon, 5 Aug 2002 02:12:41 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [131527] Re: ARRL Antenna Book 19th Edition
Message-ID: <20020805015701.I31712-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry Karl, I must make the QRPers Confession. I actually ran 10KW once,
but It was in the line of Duty for Uncle Sam (USAF).

You bet your last dollar that can cause some Smoking Wires.

Yes, Fellows I am fully aware of what Diodes do in the RF Path, and I can assure you that the Lowly #30 Magnet Wire will a lot more current than you might think. Go get the Handbook and see how much? You will be surprised. I pulled a many of # 26 Guage "Fuses" in my days with Ma Bell.

Close relative to the Copper Penny in the Fuse Panel. OH! Yes, and the unfused GATES Cell Power leads.

The real QRP Antenna is the Biggest and Best that you can afford to erect.

I always dreamed of having a couple of Czech Towers in the back yard. My neighbor three doors away has a rather nice 100 Footer (Commercial).

Me, Just a few cobwebs in the oak trees out back. And most of them are gone from the last big Storm this past Winter. A couple of trees took direct hits, vaporizing everything in all directions. Heck we had bark penetration of houses on either side of us. My neighbor with the best tree got it the worst. Had to pull down what was left of the tree.

As for wire, I am partial to the #22 Stranded Teflon. Mainly cuz I have a 5K FT roll of it. :^} Grey/Black/White. Maybe I will use some of that QRO wire next time. #14 House Wire is cheap when you buy the big roll.

Some times it pays to be a contractor.

QRPp Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and CURRENT Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, & I.Q.S.F. Donations Accepted.

RU-QRP? Club Representative, U.S. Treasurer & Founder of I.Q.S.F.

Yes, We take "PayPal" to "George Gingell" <K3TKS@abs.net>

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sun, 4 Aug 2002 23:39:56 -0700
From: Conrad Weiss <radman@best.com>
To: "'Junichi Nakajima'" <nakaji@crl.go.jp>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131528] RE: FT-897announced
Message-ID: <01C23C10.3E2BDB00@209-162-48-185.thegrid.net>

Hi Junichi,

Thanks for forwarding the URLs re: the FT-897. Reading thru the translation from JA to English is a bit difficult, but interesting :)

Especially interesting to me were details on the FC-30 ATU - "[... therefore, relay change type high-speed antenna tuner FC-30 were developed to FT-897 exclusive use. 16 a ^?-proof [quantity] capacitor and nine large-sized high frequency coils are changed by relay, and the optimal matching is taken. It is tunable in an instant, stopping power consumption, even if compared with a motor drive type.]"

Hopeful translation: It sounds like the Yaesu FC-30 design architecture is similar to what we've seen in the LDG Z-11 or Elecraft's KAT-2 ATU - caps and inductors switched by microprocessor controlled relays - but the FC-30 will handle 100w! We can hope that, "stopping power consumption" refers to the use of *latching* relays, thereby eliminating the "holding current" required by some of the SGC 100w designs that employ non-latching relays. This is very significant, as the holding current can be 250mA - equaling half the standby RX current. Let's hope Yaesu got it right, eh? :)

If Yaesu did the ATU properly, they'll be the first company (to my knowledge) who'll offer a latching relay QRP/hi-power 20w/100w ATU - we'll see :)!

To be continued....

Tnx & 73,

Conrad Weiss
NN6CW"Still the other side ICOM keeps quiet." Wonder how long ;)!

From: Junichi Nakajima[SMTP:nakaji@crl.go.jp]
Sent: Sunday, August 04, 2002 8:59 PM
To: Low Power Amateur Radio Discussion
Subject: Re: FT-897announced

Hi all, and especially who respond me directly
(Dave,Conrad and Charles),

Now, the additional some info
shows the features of the FT-897 in Japanese.

Or, please cut and paste following URL to your browser
(This is too long to click).

http://ocn.amikai.com/amiweb/browser.jsp?url=http%3A%2F%2Fwww.cqcqde.com
%2Fshopping%2Fmobile%2Fft-897.htm&langpair=2%2C1&c_id=ocn&lang=JA&toolba
r=yes&display=2

Date: Mon, 5 Aug 2002 00:12:27 -0700
From: Conrad Weiss <radman@best.com>
To: "'Jim Stamper'" <jstamper@shentel.net>,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131529] RE: Sign of the times??
Message-ID: <01C23C14.C8D65F60@209-162-48-185.thegrid.net>

Hi Jim,

RE: CW keys and paddles going the way of the dinosaur - well, I hope not
:)!
On an encouraging note, I attended the NorCal meeting today and met up w/
Doug Hauff who unveiled his new BLUE anodized mini paddles. I got some
practice time w/ them on a CPO - really nice little paddles. Price is ~
$49.95, and Doug's taking orders.

I'd say the action is as good or better than many paddles in the $100 class
that I've used, and a BIG step up from some of the plastic and PCB jobbies.
Doug sold out his stock at NorCal today, and was heading back to San Luis
Machine to seriously gear up for incoming orders and Pacificon.

He plans to offer base mounts for the popular QRP rigs (eg: FT-817, K2,
etc...) as well as leg mounts, wrist mounts and (I think) a bicycle mount.

Check 'em out on his web page:

http://users.digitalputty.com/dhauff/public_html/

73,

Conrad Weiss
NN6CW

From: Jim Stamper[SMTP:jstamper@shentel.net]
Sent: Sunday, August 04, 2002 6:25 PM
To: Low Power Amateur Radio Discussion
Subject: Sign of the times??

Stopped by the Shenandoah Valley ARC Hamfest today. Except for a couple of new paddles at the MFJ booth I noticed no CW keys or paddles of any kind at any of the other booths or tailgaters.

I wasn't looking for a key--just got curious. Was looking for some small variable capacitors. Saw three or four for outrageous prices Passed.

Date: Mon, 5 Aug 2002 03:20:40 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: mgoins@usa.net,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131530] Re: New Argonaut?
Message-ID: <20020805102040.87703.qmail@web14205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

You have not heard much because they won't start
shipping until the end of the month. Those of us who
ordered one are waiting for them to arrive. I am sure
that once they hit, you will see reports here.

Stay tuned, film at 11.

73 bill kc4atu

Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

Date: Mon, 5 Aug 2002 03:30:39 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: jstamper@shentel.net,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131531] Re: Sign of the times??
Message-ID: <20020805103039.7620.qmail@web14207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well Jim,

You must have been a late comer to have missed the
gentleman from Winchester who is there every year with
his brass paddles. The few keys I saw were the Rat
Shack type. Light weight with the plastic bases.

73 Bill

__
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

Date: Mon, 5 Aug 2002 07:15:33 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: <kc4atu@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131532] Re: Sign of the times??
Message-ID: <004b01c23c71$6ac101c0$0300a8c0@dad-s-computer.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If memory serves me correctly, you are referring to John March, K4QU (ex -
W4FJJ) from Winchester, VA. It's worth taking a look at his website, if you
like those paddles.

http://www.qsl.net/k4qu/

73
Dick K2JQ
-----Original Message-----
From: Bill ROWLETT <kc4atu@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Monday, August 05, 2002 6:36 AM
Subject: Re: Sign of the times??

>Well Jim,
>
>You must have been a late comer to have missed the
>gentleman from Winchester who is there every year with
>his brass paddles. The few keys I saw were the Rat
>Shack type. Light weight with the plastic bases.
>
>73 Bill

Date: Mon, 5 Aug 2002 05:45:12 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: blinn <blinn@smgazette.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131533] Re: ARRL Antenna Book 19th Edition
Message-ID: <Pine.LNX.4.44.0208050537340.1730-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I can't for sure argue that your feedline will melt from experiance, just a gut feeling that if your antenna is short and your using a antenna tuner and running high power Radio Shack 300 ohm TV ribbon might get pretty warm from all those relections.

The G5RV is an interesting antenna. I do not know why it works. It may not have much in the way of reflections. A guy here in Las Cruces did arc over a G5RV somehow with high power and repelced it with a better antenna.

On Sun, 4 Aug 2002, blinn wrote:

> Karl, you can't be serious, can you. All this time I thought you were just
> toying with us by string us along with all this smoke and mirror stuff...
>
> Oh, by the way... I just sold my SB 220 after a long period of no use. But
> I can assure you that it got a lot of use on G5RV type antennas with open
> wire feeders. My feedline didn't melt... I was just joining you in your

> fun.
>
> You devilish feller :) you are probably sitting behind that keyboard with a
> sly grin thinking, "Boy, I got em going now!"
>
> 73 - Bill - WA7TQK
>
>
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02
>
>
> --
>
>

--
Yours Truly,

 - Karl F. Larsen, (505) 524-3303 -

Date: Mon, 5 Aug 2002 08:02:30 -0400
From: "George Osier" <gosier@twcny.rr.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [131534] Scoring problem NAQP de N2JNZ
Message-ID: <008a01c23c77$f9a1cae0$25624342@twcny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All !!!!!

I guess I will have to check my computer ...hihi
I was running QRPDUPE for the test and have never had any problems until now
.... ??????

I have mailed N6ZZ and will redo the score with good old calculator and
paper and pencil :)

Thanks all !!!!

73s

George Osier , N2JNZ / QRP

Date: Mon, 5 Aug 2002 08:05:40 -0400
From: "George Osier" <gosier@twcny.rr.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [131535] KO7X E-mail ??????????
Message-ID: <00a001c23c78$6af0c020$25624342@twcny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All !!!!!

I usd the E-mail address for KO7X from QRZ and it bounced
Anyone have another that works ???????

72s

George Osier , N2JNZ / QRP

Date: Mon, 05 Aug 2002 08:09:32 -0400
From: Alex <kr1st@amsat.org>
To: hoglund@wfu.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131536] Re: Slinky Supplies
Message-ID: <3D4E6AFC.27E55650@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thanks for the tip! Do you know what the diameter of these slinkies are?

Btw, a couple of months ago I found quite a few of them at Walmart in
the toy section tucked away on a bottom shelf, not even near the plastic
ones.

73,
--Alex (KR1ST)

Kenneth Hoglund wrote:
>
> I know the famed "slinky dipole" has been discussed before on the list,
> and that many have bemoaned how difficult it is to find the steel
> slinkys anymore.

Date: Mon, 05 Aug 2002 08:18:34 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131537] Re: ARRL Antenna Book 19th Edition
Message-ID: <3D4E34DA.31989.17EC66BC@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 4 Aug 2002 at 21:55, blinn wrote:

> Karl, you can't be serious, can you. All this time I thought you were just
> toying with us by string us along with all this smoke and mirror stuff...
>

What's scary is not only is he serious, but he expects other people to think he is an "expert."

Of course, by the "drip under pressure...." definition, I guess he is.

--

 _ _ _ _ _
 / \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) http://www.w2agn.net
 _/ _/ _/ _/ _/ QRPARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Mon, 5 Aug 2002 06:21:05 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131538] Re: Wire and ferrite baluns
Message-ID: <Pine.LNX.4.44.0208050606520.1730-100000@Daisy.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It appears your MFJ-989C is quite a bit bigger than my MFJ-989 and has the coax wound balun while mine has the much smaller wire toroid type. It is easy to change from 4:1 to 1:1 if desired.

I got my "big" tuner at the Fort Tuthill Hamfest and had it sitting next to my FT-817 on a camp table and was working on 17 meters when several people came by and said "the tuner is 5 times bigger than the rig!". Later we had it on Vern's mini beam on 20 meters at the QRP Corner.

Based on my measurement on a MFJ tuner, it works better with high impedance loads. Any load below 25 ohms begins to cause high circulating currents in the tuner inductor and loss to I squared R becomes large. So a 1:1 balun is less likely to present low impedance to the tuner.

I will need to try the RG-117 balun some time. In my Dan's Small parts tuner, also a Tee type I wound a simple 1:1 balun on a small toriod and it works fine with the 44 foot antenna.

On Sun, 4 Aug 2002, George, W5YR wrote:

> I have two MFJ 989C "3 KW" tuners - one is vintage 1995 and the other
> somewhat earlier, around 1991, I believe.
>
> Both use simple 1:1 current baluns consisting of about 12-15 turns of a
> twisted-pair transmission line wound around and through a stack of three
> large toroids. The output end of the winding has both wires going to the
> feedthroughs which connect to the balanced feedline.
>
> One end of the twisted pair at the input goes to chassis ground and the
> other end goes to one of the feedthrough insulators to the right of the
> "main pair" as you view it from the back. The other feedthrough is
> connected to the antenna switch terminals for the balanced antenna output.
>
> To use the balun to feed the balanced line from the unbalanced (coax)
> output of the T-network tuner, you connect a jumper across the two
> feedthroughs to the right of the main pair. This connects - via the antenna
> selector switch - the t-network output to the input of the balun winding.
>
> To use the tuner with a single wire, you leave the jumper off and connect

> the end of the wire to the feedthrough that goes to the antenna selector
> switch described above.
>
> As you can see, this balun is nothing more than a simple transmission line
> wound around and through a stack of toroids to form sufficient inductance
> to reduce or remove the common-mode current on the twisted-pair line.
>
> Dare I abbreviate "common-mode" as CM?
>
> As such it is a current or choke balun with a 1:1 ratio. Its function as a
> balun is largely independent of frequency over the range covered by the
> tuner (160 - 10) and its performance is also independent of the SWR on the
> balanced line, which is a differential-mode consideration.
>
> For QRP work, a suitable ferrite toroid wound with a dozen or so turns of
> RG-174 makes an excellent balun. Connect the balanced line to the shield
> and center conductor at one end and the coax to the tuner at the other end.
>
> The same RG-174 can be strung with 40-50 ferrite beads to form a W2DU 1:1
> current balun. This is the type of balun that I use to transition from
> ladderline to coax into the shack and the tuners, but with RG-303
> high-power coax.
>
> I strongly believe in using a 1:1 balun with a multi-band antenna fed with
> twinlead or ladderline. If you model popular antenna and feedline
> combinations it almost inevitably turns out that a 4:1 balun -*if in fact
> it worked as a 4:1 balun under mismatch conditions* - makes impedance
> matching to the feedline a harder problem rather than an easier one.
>
> It is important to remember that a balun, although it looks like a
> transformer, is NOT a transformer. It works as a transmission line works
> and the number of turns has little or nothing to do with the
> "transformation ratio" since a balun is not a transformer. There *are* r-f
> transformers wound on toroids, but they are not baluns. So, describing a
> balun as "4:1" means that it will transform impedances by a factor of four
> ONLY when terminated in its design impedances on input and output.
>
> In older times, the 4:1 voltage balun was universally used. But in the 80's
> Roy Lewallen and Walt Maxwell made some serious balun experiments and wrote
> two of the definitive papers on balun operation. The work of Jerry Sevick,
> W2FMI, is well documented in his books that ARRL sells. Tom Rauch, W8JI,
> who designed the MFJ tuners and a number of linear amps has also
> experimented with baluns in the high-power environment.
>
> The conclusion of all these gentlemen is that you are much better off to
> use a 1:1 current balun with a transmatch or antenna tuner in a multi-band
> situation. The basic reason is that a current balun will operate to force
> equal currents in the balanced line wires, and that is what you must have

> to avoid line radiation, etc. A voltage balun, on the other hand, will
> force equal voltages on the balanced line and the current balance will
> depend upon the entire transmission-line/antenna system being balanced.
>
> I have had zero problems here with three different antennas using
> ladderline and W2DU baluns, work 80 through 10 meters. And even the Foxii
> can hear me! <:}
>
> 73/72/oo, George W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 56th year and it just keeps getting better!
> QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
> Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437
>
>
> "Karl F. Larsen" wrote:
> >
> > There was a long and heated discussion on balun design and I
> > have no desire to re-load that talk. But rather to talk about the LDG
> > Electronics BA-1 and the MFJ balun in nearly all their antenna tuners.
> >
> > It was argued that the simple 1:1 balun is best when you want to
> > keep the balanced side to stay balanced and several other claimed
> > advanages I never fully understood. The differance between a 4:1 and 1:1
> > balun of this type is simply how you hook up the 4 wires that come out
> > of the windings which are usually 10-12 turns of 2 wires side by side
> > that covers 80% of the toroid. The toroid is made of a ferrite material.
> >
> > When I got the LDG Electronics balun it had a powdered irom
> > toroid (red) which didn't work at all well. I replaced the core with
> > ferrite and it worked well as a 4:1 balun. Then I re-wired it for a 1:1
> > and it still worked fine. I can't say it worked better, but for sure as
> > well. I understand the BA-1 shipped now has a ferrite toroid.
> >
> > The MFJ antenna tuners all have a 4:1 balun which made me wonder
> > if that configuration isn't better since MFJ has fine engineers
> > designing their gear. But then I studied my new one with the roller
> > inductor and the big box which has a QRP Cross needle SWR bridge, and
> > found the problem is simply that if hooked up as 4:1 then the simple
> > jumper from single wire input to the balanced input will work. If hooked
> > up as 1:1 you can't do this! I plan to hit up Dan's small parts for a
> > switch to do this with the 1:1 balun just as I did it in my QRP kit from
> > there.
> >
> > My MFJ antenna tuner tunes up a lot different but works fine
> > with this change. The switch will regain the single wire input which I
> > never use.
>

--
Yours Truly,

 - Karl F. Larsen, (505) 524-3303 -

Date: Mon, 05 Aug 2002 08:36:37 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: kr1st@amsat.org,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131539] Re: Slinky Supplies
Message-ID: <3D4E7155.84BA1C9B@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alex wrote:

> Thanks for the tip! Do you know what the diameter of these slinkies are?
>

Alex and Gang--

Of course I had to open several boxes to confirm they were steel :-)

Judging from the space they took on my palm, diameter was 3 inches plus or
minus.

73
Ken KG4FGC

Date: Mon, 05 Aug 2002 10:01:32 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131540] Re: ARRL Antenna Book 19th Edition
Message-ID: <3D4E853C.F6213EF9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hmmm, the truth comes out!

Actually if you are using a tuner, I would expect the tuner to heat up well before the feedline!

Pleases remember when evaluating antenna designs. Some ate from the good old USA, and some ore from furrin' countries. Now, G5 is the prefix of a furrin' country. They have much more stringent power laws there than we have her.

At risk of repeating myself, when I lived in Holland (yes, another of them furrin' countries) we could only run a maximum of 400 watts PEP. Almost everyone I knew ran 100 watts maximum!

The G5RV was probably designed for 100 watts. It will probably handle more power if you beef it up where necessary! It is NOT a BAD antenna! Don't let Karl's tales tell you the wrong thing!

73

Date: Mon, 5 Aug 2002 10:28:48 -0400
From: "George Osier" <gosier@twcny.rr.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [131541] NAQP Scoring ??????
Message-ID: <000c01c23c8c$6da4cc80$25624342@twcny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello !!!!

Scoring one point per QSO ???????

snip:

Multipliers: Are U.S. states (including KH6 and KL7), Canadian provinces/territories (British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec, New Brunswick, Nova Scotia, PEI, Labrador, Yukon, NWT and Nunavut) and other North American countries. Nefoundland counts as Labrador, and District of Columbia counts as Maryland. Non-North American countries, maritime mobiles and aeronautical mobiles do not count as multipliers, but may be worked for QSO credit.

Valid Contact: A valid contact consists of a complete, correctly copied and legibly logged two-way exchange between a North American station and any

other station. Proper logging requires including the time in UTC and band for each contact. Regardless of the number of licensed call signs issued to a given operator, one and only one call sign shall be utilized during the contest by that operator.

Scoring: Multiply total valid contacts by the sum of the number of multipliers worked on each band.

73s

George , N2JNZ/QRP

Date: Mon, 5 Aug 2002 10:24:56 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [131542] MRX40
Message-ID: <6579C6377F475547985F0B3E426E16261406AA@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
	charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi

I have a mrx40 I have never gotten to work. Does anyone have a circuit drawing, and a set of voltage measurements I can compare with? I would=20 like to get it working to pair up with my old original tuna tin 2.=20

Marty Hartwell kd8bj
AT&T Columbus Ohio
PH:614-501-2503

Date: Mon, 05 Aug 2002 10:32:31 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [131543] Viruses
Message-ID: <3.0.6.32.20020805103231.007af590@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It seems every weekend recently, I got multipule viruses. Last weekend it peaked at 25+! So, I decided to "hide" my email address on my qsl.net web page. This weekend I only got one virus. Guess it goes to show not to put your email address on a web page in plain sight!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://www.qsl.net/kd1jv/

Date: Mon, 05 Aug 2002 09:47:51 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [131544] More Tech Info -- Coax Adapter Loss -- Mosty Myth
Message-ID: <3.0.2.32.20020805094751.007be420@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

Here's additional information about connector loss in transmission systems. Note that Steve was editor of the CQ VHF column -- 1984/88. This in response to a similar message on the VHF and 6-Club reflectors.

Absolutely agreed. I've done this even a bit more scientifically, and posted the results in the RSGB Journals and elsewhere, years ago. Used lab equipment, HP 608F signal generator (10-480 MHz), Boonton 42AD microwattmeter, adjusting both for 0 dBm +/- 0.1 dB, and going from there. That's about .5 dB better resolution than using any kind of ham gear & instrumentation.

At 400 MHz, using ten between-series adapters connected together resulted in less than 0.8 dB overall insertion loss. Not at 50 MHz, but at 400 MHz. The between-series types were UHF to N, N to BNC, BNC to SMA, SMA to BNC, BNC to N, N to UHF, etc. Pretty much everything I had on hand was used, except for "RCA Phono" and banana plugs! All adapters were, however, very good ones made by Amphenol, Kings, Trompeter and other mil-spec American manufacturers. At 0.8 dB for ten adapters, that's .08 dB each, average. Obviously, nothing to even consider unless one really does string ten together for some reason and is trying to work e.m.e. with all that in line.

Steve Katz, WB2WIK/6

Part of my original message follows:

[snip]
At a test frequency of 50.1 MHz and power levels of 4 and 15 Watts, I
could measure no difference in power out with the adapters inserted.
[snip]
Generator = FT-847
Meter = DAIWA CN-620B (UHF connectors)
Load = 50 ohms flat from 1.8 to 150 MHz (BNC connector)
[snip[
UHF to UHF
UHF to BNC with 1 ft length of RG-8X
BNC to BNC
BNC to N
N to N right angel
N to BNC
BNC to UHF
UHF to BNC
BNC to UHF with 2 ft length of RG-8X
[snip]

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

Date: Mon, 05 Aug 2002 09:03:58 -0700
From: Brian Kassel <bkassel@mato.com>
To: George Osier <gosier@twcny.rr.com>
Subject: [131545] Re: OUCH !!!! .. QRPDUPE ??????
Message-ID: <3D4EA1EE.5F8A292F@mato.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi George:

 Sorry for the error, not your computer I am sure. Not sure just now
what the problem is with the scoring for QRPdupe at the moment, but I'll
check it out soon. You probably want to submit your corrected score.
Thanks for pointing it out. I used TRLog for the contest, so never saw

the scoring error, and you are the only one so far that has been kind enough to point it out to me. Suffice it to say that I'll have it fixed by the next NAQP event. BTW, the error just applies to this contest, no others are effected.

Brian K7RE

George Osier wrote:
>
> Hi Brian !!!
>
> It was listed as "NAQP" in the drop down menu.....
> ----- Original Message -----
> From: "Brian Kassel" <bkassel@mato.com>
> To: "George Osier" <gosier@twcny.rr.com>
> Sent: Monday, August 05, 2002 11:32 AM
> Subject: Re: OUCH !!!! .. QRPDUPE ??????
>
> > George:
> >
> > Which contest where you operating in?
> >
> > Brian K7RE
> >
> >
> > George Osier wrote:
> > >
> > > Hi Brian !!!!!!
> > >
> > > Used QRPDUPE and came up with this score.....
> > > Something wrong in the program or the computer ??????
> > >
> > > 73s
> > >
> > > George , N2JNZ / QRP
> > >
> > > Hello All !!!!!
> > >
> > > Had a good time with the test with not so good condx
> > >
> > > 40M 25 QSOS , 325 POINTS , 15 MULTS
> > > 20M 41 QSOS , 861 POINTS , 17 MULTS
> > > 15M 4 QSOS , 10 POINTS , 2 MULTS
> > >
> > > TOTALS :
> > >
> > > 70 QSOS , 1196 PTS , 34 MULTS = 40664 POINTS TOTAL
> > >

> > > Highlights
> > >
> > > Worked all QRP except W4OC and KO7X , worked with 700 mw for NC and SC
> last
> > > 2 states needed for Milliwatt WAS !!!!!
> > >
> > > Also tnx to all who worked my tiny signal under the noisy condx !!!!!
> > >
> > > 71s
> > >
> > > George Osier , N2JNZ / QRPp
> > > President
> > > Northern New York Contest Club
> >

Date: Mon, 05 Aug 2002 11:07:28 -0400
From: "David J. Adams" <david@theadamsclan.com>
To: aturner13@triad.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131546] Re: Performance of AEA or MFJ Loop.
Message-ID: <3D4E94B0.5060101@theadamsclan.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Until December (I moved and the loop did not), I used the AEA Isoloop
with the IT-1 auto-tuner. For an apartment with a wire-sensitive
manager, I loved it. I used it vertically, on a 4-ft pole on my
balcony. It was a very sensitive receive antenna. I used it qrp, and
never had any problems getting the signal out...was able to get through
pile-ups with qrp ssb, so it did the job, and I was satisfied.

A more important consideration is, of course, what problems did the loop
have.
1) Housing of the unit liked to crack. Pretty common with the AEA
units and mine was no exception. By the end of its lifetime, the
housing was busted through and the pole was holding it together (hence
the reason it did not make the move).
2) 17m...nope...never once got a reasonable SWR on 17m....very
strange...could never find a good reason. Neither manual or auto-tuning
would work. It would tune outside 17m on either end quite well
however....go figure.
3) 10m. It would tune...but I always got wicked high rf levels in the
shack with the isoloop...but I already had a 10m V up, so I never tried
to resolve this issue.

Cons versus the MFJ unit:
1) Hasn't been made in years. Good luck finding one. There is one waiting for me (I hope) in Illinois, but the new job has been running me ragged and I haven't been able to get out to pick it up.
2) Requires two cables to go to the unit. MFJ controls via the coax.
3) Housing is not UV-friendly.
4) No manufacturer support.
5) MFJ has a very useful cross needle indicator on the tuning box.

Pro's:
1) Auto-tuner works very well.
2) Separate cable for control so you don't pick up any processor noise in receiver (the mfj units shut down now shortly after tuning so this isn't really an issue).
3) Aside from plastic, they always seemed better constructed.

Final thoughts, if I can ever get out to Illinois, I would love to get an isoloop back on the air (still living in a rental). As I own the IT-1, I'd prefer an AEA over an MFJ. If my IT-1 died (or I just can't get to Illinois before it is claimed by someone else), I would be happy to pick up an MFJ unit (possibly the 40m job...anyone tried it?).
 Currently I am using an MP-1 which works, but the tuning method requires it to be within my shack....in the basement...which has issues.
 Either loop could be out on the patio and remotely tuned...and that is a beautiful thing.

73 de dave, n9uxu

Alex Turner wrote:

>I would like to here from users of the AEA or MFJ magnetic loops and any
>tips. I will shortly be in a situation where this will be my only option for
>an antenna and I would like some true life experiences. Also pros and cons
>of one brand over the other.
>
>Thanks
>Alex Turner N4BYJ
>
>
>
>
>
>

Date: Mon, 5 Aug 2002 11:06:49 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131547] Don't Miss the Spartan Sprint Tonight!
Message-ID: <001b01c23c92$bd746990$1c075dd8@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The August Spartan Sprint will be held on August 5, 2002 (which is our standard
date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. In the Eastern time zone, start at 9PM and end at 11PM, local time. In the Central time zone, start at 8PM and end at 10PM, local time. In the Mountain time zone, start at 7PM and end at 9PM, local time. In the Pacific time zone, start at 6PM and end at 8PM, local time. (When the U.S. is observing Standard Time, this slot is 0200 to 0400 UTC. When the U.S. is observing Daylight Time, this slot is 0100 to 0300 UTC.)

2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-. (You may operate any number of bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.

4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."

5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

"Station Weight" is defined as the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint. We use decimal pounds, rather than pounds and ounces. You may report your weight to the nearest 10th of a pound, or, at your option, the nearest 100th of a pound.

For stations weighing less than one pound, we recommend the nearest 100th of a pound.

If you don't have access to the web, send John Huffman, K8HJ, an e-mail with your total QSOs and the total weight of your station. You may also include your comments from the soapbox. John's email address is hjohnc@core.com

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

John Huffman, K8HJ, Contest Manager

hjohnc@core.com

Date: Mon, 5 Aug 2002 11:44:40 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <k5di@zianet.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "Straw, Dean, N6BV" <rdstraw@arrl.org>,
 "Carman, Jan, K5MA" <k5ma@arrl.org>
Subject: [131548] RE: ARRL Antenna Book 19th Edition
Message-ID: <721D3436A7C2B344A301FD4A413C71A916175E@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I will pass this post along verbatim to the ARRL Antenna Book Editor and =
the Book Team Supervisor.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: http://www.arrl.org/tis

> -----Original Message-----
> From: Karl F. Larsen [mailto:k5di@zianet.com]
> Sent: Friday, August 02, 2002 8:13 AM
> To: Low Power Amateur Radio Discussion
> Subject: ARRL Antenna Book 19th Edition
=20
> I have the loan of this version of the Antenna Book. To my=20
> surprise the antenna which caused me to get interested in all the=20
> reflections calculations is not in this issue at all.
>=20
> The tone of the book is very high power, why you need a good=20
> matched feed line when running 1500 watts (it might catch fire).
>=20
> The 88 foot antenna center fed with 450 ohm windowed ribbon is=20
> not in the book. At 1500 watts this antenna might catch fire,=20

> but at 100=20
> watts it works fine.
>=20
> There is a wealth of information out there on web sites that=20
> talk to this antenna. The one that's best is=20
>=20
>=20
> http://www.cebik.com/88.html=20
>=20
> =20
> We QRP operators need to be heard by the author of the Antenna=20
> Book and acknowledge that some antenna's that work well at 5=20
> watts will=20
> not work at 1500 watts, but are worth including in the book.
>=20
> --=20
> Yours Truly,
>=20
> - Karl F. Larsen, (505) 524-3303 -
>=20

Date: Mon, 5 Aug 2002 11:51:39 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: <lmairs@cox.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131549] RE: ARRL Section News
Message-ID: <721D3436A7C2B344A301FD4A413C71A916175F@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> > That $181,000 grant from the government for Emergency=20
> Communication...will
> the members be told what it is being spent for?

They already have been told; although there are still a few details to =
be worked out with the Feds (reporting requirements, etc), in essence, =
the money will be used to pay the course fees so people can take the =
Level 1 emergency communications course.

< ARRL Certification and Continuing Education Program update (Aug 2, =
2002) -- Attention Connecticut Amateurs! Don't miss the opportunity to =
take one of the United Technology Corporation-funded seats in the ARRL =
Level I Amateur Radio Emergency Communications on-line course (EC-001). =

Two class sections are now open. Register for classes starting either =
August 5 or September 2 by visiting the secure ARRL Course Registration =
Page and clicking on the blue hypertext link "Register" next to the =
class section you prefer. As ARRL implements nationwide emergency =
communications training funded by the recently announced $181,900 =
Corporation for National and Community Service (CNCS) grant, please be =
patient. No new Level I on-line classes will be offered in August except =
to Connecticut amateurs. There is no waiting list for the federally =
funded emergency communications training. Updates will be posted as soon =
as crucial details are worked out and information become available. All =
other ARRL Certification and Continuing Education courses will remain =
open for registration as normally scheduled. To learn more, visit the =
ARRL Certification and Continuing Education Web page and the C-CE Links =
found there. For more information, contact Certification and Continuing =
Education Program Coordinator Dan Miller, K3UFG, cce@arrl.org. >

And:

http://www.arrl.org/news/stories/2002/07/18/102/?nc=3D1

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: http://www.arrl.org/tis

> -----Original Message-----
> From: Lee Mairs [mailto:lmairs@cox.net]
> Sent: Tuesday, July 23, 2002 2:52 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ARRL Section News
>=20
>=20
> Yeah, Me too.
> 73 de Lee
> km4yy
>=20
>=20
> ----- Original Message -----
> From: "W2AGN" <w2agn@w2agn.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, July 23, 2002 1:21 PM
> Subject: OT: ARRL Section News

>=20
>=20
> > I find it interesting that the ARRL BOD met July 19-20 to=20
> "vote" on moving
> Section News and Contest line scores to the Web. However, in=20
> their own news
> release, they say
> > the web sites are "already in place." It does make one=20
> wonder what was the
> point of the vote, if it was already decided?
> >
> > Also, what is to be done with the additional space in QST?=20
> Any bets it
> will be used for advertising? How about expanding "QRP Power?"
> >
> > That $181,000 grant from the government for Emergency=20
> Communication...will
> the members be told what it is being spent for?
> >
> > Just curious.
> >
> > --
> > _ _ _ _ _
> > / \ / \ / \ / \ / \ John L. Sielke
> > (W)(2)(A)(G)(N) http://www.w2agn.net
> > _/ _/ _/ _/ _/ ARCI, NJQRP, ARQrp,GQRP,RSGB
> > Ex- K3HLU, W7JEF, W4MPC, N4JS Yes, and ARRL member paid up=20
> until 2010.
> >
> >
>=20
>=20

Date: Mon, 5 Aug 2002 11:56:19 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131550] RE: ARRL Section News
Message-ID: <721D3436A7C2B344A301FD4A413C71A91AC063@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> > I find it interesting that the ARRL BOD met July 19-20 to=20
> "vote" on moving

> Section News and Contest line scores to the Web. However, in=20
> their own news
> release, they say
> > the web sites are "already in place." It does make one=20
> wonder what was the
> point of the vote, if it was already decided?

The web sites have been in place for a couple of years, utilized better =
and better each year, IMHO. The vote was to make good use of these =
tools to free up space in QST.

> > Also, what is to be done with the additional space in QST?=20
> Any bets it
> will be used for advertising? How about expanding "QRP Power?"

By internal policy, the amount of advertising in QST is set at around =
50% per issue. The pages freed up are "editorial" pages, so they will =
be used for editorial purposes, if the advertisers continue to buy the =
same number of pages. If QST had advertisers for those pages already, =
the ads would already be there, don't you think?

As to QRP Power, the column receives good feedback. If you like it and =
would like to see it made larger, you can email the QST editorium at =
qst@arrl.org.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: http://www.arrl.org/tis

> -----Original Message-----
> From: Lee Mairs [mailto:lmairs@cox.net]
> Sent: Tuesday, July 23, 2002 2:52 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: ARRL Section News
>=20
>=20
> Yeah, Me too.
> 73 de Lee
> km4yy
>=20
>=20

> ----- Original Message -----
> From: "W2AGN" <w2agn@w2agn.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, July 23, 2002 1:21 PM
> Subject: OT: ARRL Section News
>=20
>=20
> > I find it interesting that the ARRL BOD met July 19-20 to=20
> "vote" on moving
> Section News and Contest line scores to the Web. However, in=20
> their own news
> release, they say
> > the web sites are "already in place." It does make one=20
> wonder what was the
> point of the vote, if it was already decided?
> >
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> Any bets it
> will be used for advertising? How about expanding "QRP Power?"
> >
> > That $181,000 grant from the government for Emergency=20
> Communication...will
> the members be told what it is being spent for?
> >
> > Just curious.
> >
> > --
> > _ _ _ _ _
> > / \ / \ / \ / \ / \ John L. Sielke
> > (W)(2)(A)(G)(N) http://www.w2agn.net
> > _/ _/ _/ _/ _/ ARCI, NJQRP, ARQrp,GQRP,RSGB
> > Ex- K3HLU, W7JEF, W4MPC, N4JS Yes, and ARRL member paid up=20
> until 2010.
> >
> >
>=20
>=20

Date: Mon, 5 Aug 2002 11:59:41 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131551] RE: OT: ARRL Section News
Message-ID: <721D3436A7C2B344A301FD4A413C71A9161761@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> QST's ratio of advertising and content has been relatively=20
> constant. I=20
> would expect, therefore, that the space would be used for=20
> content, not=20
> ads. Given current economics, however, some of the space=20
> might simply be=20
> dropped to reduce printing and shipping costs; the recession=20
> has caused=20
> a drop in the amount of advertising in QST.

True enough, but if advertising were to decrease, the size of the =
magazine would decrease accordingly whether the Board had made the =
recent changes or not.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: http://www.arrl.org/tis

> -----Original Message-----
> From: Mark J. Dulcey [mailto:mark@buttery.org]
> Sent: Tuesday, July 23, 2002 2:38 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: OT: ARRL Section News
>=20
>=20
> W2AGN wrote:
> > I find it interesting that the ARRL BOD met July 19-20 to=20
> "vote" on moving Section News and Contest line scores to the=20
> Web. However, in their own news release, they say=20
> > the web sites are "already in place." It does make one=20
> wonder what was the point of the vote, if it was already decided?
>=20
> The web sites will go online regardless. If the ARRL decides not to=20
> remove the info from QST after all (though I think it's a=20
> done deal at=20
> this point), they will still serve as an additional resource.=20
> The online=20
> section news, in particular, lets them get out time-sensitive=20

> news more=20
> quickly than a print publication would allow.
>=20
> The section news is already online, and has been for some=20
> time. If you=20
> go to the ARRL web site and log in as a member, the home page=20
> offers you=20
> a link to the news for your section. You can also read the=20
> news for any=20
> section by clicking on "ARRL Info" on the home page and=20
> choosing "ARRL=20
> Sections"; the info does not appear to be restricted to members.
>=20
> The contest results are also already online, in the "Operating=20
> Activities" section. Time-sensitivity isn't such a big issue=20
> here, but=20
> the online results do have some advantages; for example, you=20
> can search=20
> them for your call (if you installed the version of Acrobat=20
> Reader with=20
> search capability), rather than having to read through the listings=20
> looking for it. Some of the contest results are restricted to=20
> members only.
>=20
> > Also, what is to be done with the additional space in QST?=20
> Any bets it will be used for advertising? How about expanding=20
> "QRP Power?"
>=20
> QST's ratio of advertising and content has been relatively=20
> constant. I=20
> would expect, therefore, that the space would be used for=20
> content, not=20
> ads. Given current economics, however, some of the space=20
> might simply be=20
> dropped to reduce printing and shipping costs; the recession=20
> has caused=20
> a drop in the amount of advertising in QST.
>=20
> Magazines don't publish "additional ads" just because they=20
> have space.=20
> In general, magazines accept all the advertising that people=20
> are willing=20
> to pay them for, so long as it meets whatever other criteria the=20
> magazine may have. (I believe that QST, for example, does not take=20
> advertising for products that are not related to amateur=20
> radio. There is=20
> a reason for that; income from amateur related advertising is part of=20
> their mission as a 501(c)(3) tax-exempt organization, and thus is not=20

> taxable income, but income from ads for non-amateur-radio=20
> products would=20
> be taxable income.) If the magazine receives more ads, they will also=20
> generally publish more editorial content; if they get fewer ads, they=20
> will cut back on content.
>=20
> > That $181,000 grant from the government for Emergency=20
> Communication...will the members be told what it is being spent for?
>=20
> Right from the ARRL home page:
>=20
> > The grant, from the Corporation for National and Community=20
> Service special volunteer program, will provide free ARRL=20
> Amateur Radio Emergency Communications Course training to=20
> 5200 volunteers nationwide, starting in 2003.
>=20
> They have not yet announced when these free classes will be=20
> offered, or=20
> who will be eligible for them. The League already offers reasonably=20
> priced emergency communications classes, both in-person and=20
> as distance=20
> learning classes over the Internet. They are also currently offering=20
> free AREC level 1 classes to Connecticut residents, thanks to a grant=20
> from United Technologies.
>=20
> $181,000 / 5,200, by the way, comes to $34.80 per student, which is=20
> somewhat less than the $45 that the ARRL is currently charging its=20
> members for the online courses.
>=20
>=20
>=20

Date: Mon, 05 Aug 2002 11:46:56 -0500
From: "George, W5YR" <w5yr@att.net>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131552] Re: Wire and ferrite baluns
Message-ID: <3D4EAC00.ACAFDC29@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Karl F. Larsen" wrote:
>

> It appears your MFJ-989C is quite a bit bigger than my MFJ-989
> and has the coax wound balun while mine has the much smaller wire toroid
> type. It is easy to change from 4:1 to 1:1 if desired.

I guess I wasn't clear: the 989C uses twisted pair for the balun, not coax. I was remarking that one could make a very effective yet simple 1:1 current balun by winding RG-174 on a toroid.

You are correct in that adding a switch and a couple of wires will change the basic 1:1 current balun in the 989C to a 4:1 voltage balun. Jerry Sevick, W2FMI, has a very good discussion of this with good schematics and photos in his book on "BalUns and UnUns."

I surmise that all MFJ did when current baluns came into "style" was to remove a couple of wires from their tuners and change what were 4:1 voltage baluns into 1:1 current baluns. The actual windings on the toroids is the same in either case.

I would still advise against using the 4:1 connection except for unusual circumstances where the feedline presented a very high input impedance that the tuner could not otherwise handle.

I think that your tuner must be the smaller 969 model with the rotary inductor and lower power rating. I am sure that it is a big improvement over your 949 with the tapped inductor.
>
> I got my "big" tuner at the Fort Tuthill Hamfest and had it
> sitting next to my FT-817 on a camp table and was working on 17 meters
> when several people came by and said "the tuner is 5 times bigger than
> the rig!". Later we had it on Vern's mini beam on 20 meters at the QRP
> Corner.
>
> Based on my measurement on a MFJ tuner, it works better with
> high impedance loads. Any load below 25 ohms begins to cause high
> circulating currents in the tuner inductor and loss to I squared R
> becomes large. So a 1:1 balun is less likely to present low impedance to
> the tuner.

That is true of any T-network tuner, Karl. Tuning low impedance loads causes more loss in the inductor and many tuners just cannot handle loads much below 15-25 ohms even not counting the loss they incur.
>
> I will need to try the RG-117 balun some time. In my Dan's Small
> parts tuner, also a Tee type I wound a simple 1:1 balun on a small
> toriod and it works fine with the 44 foot antenna.

Think you probably mean RG-174 coax . . .

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Date: Mon, 05 Aug 2002 12:51:56 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: david@theadamsclan.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131553] Re: Performance of AEA or MFJ Loop.
Message-ID: <3D4EAD2C.F88F1F43@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I bought the MFJ unit at Dayton about 1996. It performed adequately but
had a tendency to generate large RF fields that would cause my TS130V to
lock up. I did make many QSO's with it but I eventually sold it!

73

Date: Mon, 5 Aug 2002 10:02:35 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [131554] Re: MRX40
Message-ID: <MABBJOEABOILMKCJCLFCAEOBDHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Marty
You should be able to find the schematic on the NorCal QRP Club web page
http://www.norcalqrp.com/
73, Bob N6WG

Date: Mon, 5 Aug 2002 13:07:57 -0400
From: "Makai - Staniel Cay" <makai@makai.org>
To: <qrp-l@lehigh.edu>
Subject: [131555] Items FS

Message-ID: <PJEGKOFJPBGIMIDLDNDIEEIACAAA.makai@makai.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang...

 I am about to make a trip to Florida and am going to try to put together my K2 monies while I am there... I have a few items for sale and all are in "As New" condition... We finally got commercial power on our end of the Cay and my noise problems have gone away... Thought I would offer them here before taking them to the dreaded auction house...

 Timewave DSP-599zx $275
 Timewave ANC-4 $125
 RigBlaster M8 $ 50 Set up for Kenwood TS-450 8-Pin mic.
 Palm Pilot M105 $ 85 Brand New in original box. Includes a leather case and 2nd Deep Blue Cover Plate
 NetGear RT314 $ 50 Cable/DSL router and four-port switch

 Buyer pays shipping and insurance at actual cost... I have priced these low to go but open to reasonable offers...

 Take care and have fun...

72 - Bruce - KL7H/C6A

http://www.makai.org/KL7H-C6A

Date: Mon, 5 Aug 2002 10:12:47 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131556] Performance of small diameter loop antennas
Message-ID: <000f01c23ca3$523201e0$9110010a@fresno>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Friends,

I have had a fair amount of experience using small diameter loop antennas. Although mine were all homebrew, they were similar in design to the MFJ and

AEA products.

These antennas can work amazingly well as long as you observe a few precautions. First and foremost, they must be mounted well away from other metallic objects. Watch out for metal gutters and downspouts, house wiring, metal siding and so on. I helped one builder troubleshoot his loop which was hanging on the outside of his garage. Whenever his wife parked her car inside the loop quit working. Likewise, another user had his loop mounted on a fiberglass pole next to his house. Five feet away (on the other side of the wall) was a washer and dryer.

Also remember that the radiation from these antennas is very intense as Mr. Muscolino discovered when his TS130 kept locking up. The bottom line is this: try to get your loop in the clear as much as possible. Never feed them through a transmatch. They will perform extremely well when properly constructed and installed.
==========
Bill Jones - KD7S <><
Sanger, California
==========

Date: Mon, 5 Aug 2002 12:13:25 -0500
From: "Rob Mathery" <w0jrm@arrl.net>
To: <mehartwell@att.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131557] Re: MRX40
Message-ID: <00a701c23ca3$fce691a0$0a11a541@jimrob>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

There is an article about that rig at the ARRL TIS page if it'll help.
Think the url to get to it is http://www.arrl.org/tis/tismenu.html

72/73/oo
Rob, w0jrm

==========
Visit my website! http://www.qsl.net/w0jrm
==========

----- Original Message -----
From: Hartwell, Martin E, ALINF <mehartwell@att.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, August 05, 2002 9:24 AM
Subject: MRX40

> Hi
>
> I have a mrx40 I have never gotten to work. Does anyone have a circuit
> drawing, and a set of voltage measurements I can compare with? I would
> like to get it working to pair up with my old original tuna tin 2.
>
> Marty Hartwell kd8bj
> AT&T Columbus Ohio
> PH:614-501-2503

Date: Mon, 05 Aug 2002 13:30:12 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131558] Re: MRX40
Message-ID: <3D4E7DE4.23862.1909CA26@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 5 Aug 2002 at 12:13, Rob Mathery wrote:

> There is an article about that rig at the ARRL TIS page if it'll help.
> Think the url to get to it is http://www.arrl.org/tis/tismenu.html
>
> 72/73/oo
> Rob, w0jrm

The entire original article in .pdf format is at:

 http://www.arrl.org/tis/info/pdf/99759.pdf

--
 _ _ _ _ _
 / \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) http://www.w2agn.net
 _/ _/ _/ _/ _/ QRPARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Mon, 5 Aug 2002 10:35:26 -0700
From: "Chetan Bhargava" <wiz@bhargavaz.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131559] Re: MRX40
Message-ID: <021f01c23ca6$94aae2a0$2701a8c0@chetan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Marty,

Here is the URL for the MRX-40 receiver.
http://www.arrl.org/tis/info/pdf/99759.pdf

Thanks.

Chetan Bhargava
http://www.bhargavaz.net

----- Original Message -----
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, August 05, 2002 7:24 AM
Subject: MRX40

> Hi
>
> I have a mrx40 I have never gotten to work. Does anyone have a circuit
> drawing, and a set of voltage measurements I can compare with? I would
> like to get it working to pair up with my old original tuna tin 2.
>
> Marty Hartwell kd8bj
> AT&T Columbus Ohio
> PH:614-501-2503
>
>
>

Date: Mon, 5 Aug 2002 13:37:54 -0400 (EDT)
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131560] RE: ARRL Section News
Message-ID: <Pine.LNX.4.44.0208051331400.31254-100000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 5 Aug 2002, Hare,Ed, W1RFI wrote:

> > > That $181,000 grant from the government for Emergency
> > Communication...will
> > the members be told what it is being spent for?
>
> They already have been told; although there are still a few details to
> be worked out with the Feds (reporting requirements, etc), in essence,
> the money will be used to pay the course fees so people can take the
> Level 1 emergency communications course.

This may be a stupid question, but it seems to be an obvious question I have not seen asked, let alone answered...

Why is a grant of money from the FEDERAL government to the NATIONAL association for Amateur Radio used only to pay the fees for people living in CT? Now, since I have already taken the class, I have no monetary interest in this, but it seems bizare that this program will be only to the benefit of one state against all others who can not even take the online class until this CT thing is done.

Ken McGuire, KC8LTL
at902@tcnet.org
ARRL Member (Life Member pending)

Date: Mon, 5 Aug 2002 11:48:45 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,
"Straw, Dean, N6BV" <rdstraw@arrl.org>,
Subject: [131561] RE: ARRL Antenna Book 19th Edition
Message-ID: <Pine.LNX.4.44.0208051132160.2859-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ed, my pleasure meeting you at Fort Tuthill! I wrote about the same thing to the feedback e-mail address. I'm not alone in hoping some of the tried and good QRP antenna's could be shown in later issues of the

Antenna Book.

Be aware that Walt Maxwell's book on Reflections was withdrawn from publication at ARRL but the .pdf available on the members ARRL web page of his Reflections is available and while very difficult to read does prove the point that reflected energy from the antenna mis-match is not lost.

A very nice Ham sent me a photo-copy of the paper Walt Maxwell referanced for explanation of Conjuntate Match "Very High-Frequency Techniques" Volume 1, shows the guys at Harvard in 1948 were just learning to use the Smith Chart! I can't say it is very good. Hard to follow the RX Charts they used then...:-)

Will be using work performd by L. B. Cebik W4RNL that shows the 44 foot antenna has a good radiation characteristics too at the Albuquerque NM Hamfest on August 24th 2002. LB has given me permission to use his data.

On Mon, 5 Aug 2002, Hare,Ed, W1RFI wrote:

> I will pass this post along verbatim to the ARRL Antenna Book Editor and the Book Team Supervisor.
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: http://www.arrl.org/tis
>
>
> > -----Original Message-----
> > From: Karl F. Larsen [mailto:k5di@zianet.com]
> > Sent: Friday, August 02, 2002 8:13 AM
> > To: Low Power Amateur Radio Discussion
> > Subject: ARRL Antenna Book 19th Edition
>
> > I have the loan of this version of the Antenna Book. To my
> > surprise the antenna which caused me to get interested in all the
> > reflections calculations is not in this issue at all.
> >
> > The tone of the book is very high power, why you need a good
> > matched feed line when running 1500 watts (it might catch fire).
> >

> > The 88 foot antenna center fed with 450 ohm windowed ribbon is
> > not in the book. At 1500 watts this antenna might catch fire,
> > but at 100
> > watts it works fine.
> >
> > There is a wealth of information out there on web sites that
> > talk to this antenna. The one that's best is
> >
> >
> > http://www.cebik.com/88.html
> >
> >
> > We QRP operators need to be heard by the author of the Antenna
> > Book and acknowledge that some antenna's that work well at 5
> > watts will
> > not work at 1500 watts, but are worth including in the book.
> >
> > --
> > Yours Truly,
> >
> > - Karl F. Larsen, (505) 524-3303 -
> >
>

--
Yours Truly,

 - Karl F. Larsen, (505) 524-3303 -

Date: Mon, 5 Aug 2002 11:48:36 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [131562] Rock-Mite Night/ARS SP!!!
Message-ID: <003c01c23ca8$53979310$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tonight's the night, the first Monday of the month and its ARS SP time.
I'll be running the entire sprint with my Rock-Mite, please listen and
give me a call, I'll be down around 7039. I'm going to start out with a
an 8 pack for NiMA AA Batts, that will get me about 200-250 mWatts of
output. If I need more power I'll switch to a 4.5 AHr gel-cell for about

400 mW, or the station supply 13.8V/20A for a whopping 500+mW.

What's a "Rock-Mite" you ask? Check out these links:

http://www.radioactivehams.com/~n0rc/rm/

http://www.frii.com/~rwc/r-m/

and

http://www.smallwonderlabs.com/ HOME OF THE ROCK-MITE

73, Rod N0RC

Date: Mon, 05 Aug 2002 14:02:37 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: at902@tcnet.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131563] Re: ARRL Section News
Message-ID: <3D4EBDBD.2040508@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

KENNETH ROBERT MCGUIRE wrote:
>
> Why is a grant of money from the FEDERAL government to the NATIONAL
> association for Amateur Radio used only to pay the fees for people living
> in CT? Now, since I have already taken the class, I have no monetary
> interest in this, but it seems bizare that this program will be only to
> the benefit of one state against all others who can not even take the
> online class until this CT thing is done.

It's not.

The free training for Connecticut residents is being paid for by a grant
from United Technologies, a company which happens to be based in
Connecticut. The federal funds will be used for training for amateurs
throughout the US; details will be announced at a future time.

Date: Mon, 05 Aug 2002 14:08:05 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [131564] Re: ARRL Antenna Book 19th Edition
Message-ID: <3D4EBF05.5060507@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Karl F. Larsen wrote:

> Be aware that Walt Maxwell's book on Reflections was withdrawn
> from publication at ARRL but the .pdf available on the members ARRL web
> page of his Reflections is available and while very difficult to read
> does prove the point that reflected energy from the antenna mis-match is
> not lost.

WorldRadio publishes an expanded second edition of Maxwell's book, which
they call "Reflections II". It's $19.95 plus shipping, and can be
ordered at http://www.wr6wr.com

I have not read either edition, and have no connection with either
WorldRadio or the ARRL (aside from being a WorldRadio subscriber and an
ARRL Life Member, that is).

Mark Dulcey KE1L

Date: Mon, 5 Aug 2002 12:09:42 -0700
From: "Doug Hauff" <dhauff@digitalputty.com>
To: "William K Penhallegon" <w4stx@juno.com>
Cc: <qrp-l@lehigh.edu>
Subject: [131565] Re: Porta Paddle delivery
Message-ID: <002b01c23cb3$beda8640$35393442@fix.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Subject: Porta Paddle delivery

> Hello Doug,
> It is Sunday afternoon and I just found this neat small paddle on your
> website.
> If I mail a check tomorrow, when may I expect to receive my paddle?
> Tnx es 73
> Bill Penhallegon W4STX
> Clearwater, Florida

Hi Bill,

Well I have at this moment 10 more I am assembling today, 8 are sold, leaving two...but I have another 40 in the pipline, should be back from the anodizer and ready to assemble by Monday, so figgering a few days for the Post Office, by the end of next week or so considering your location on the other coast...

TNX & 72,

Doug KE6RIE

Date: Mon, 5 Aug 2002 12:14:07 -0700
From: "Doug Hauff" <dhauff@digitalputty.com>
To: <qrp-l@lehigh.edu>
Subject: [131566] www.americanmorse.com
Message-ID: <003f01c23cb4$5c298540$35393442@fix.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

New Domain Name For American Morse Equipment

Check out the Porta-Paddle at

<www.americanmorse.com>

TNX & 72,

Doug KE6RIE

Date: Mon, 05 Aug 2002 14:14:11 -0500
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-l@lehigh.edu
Subject: [131567] New photos on web page
Message-ID: <3.0.1.32.20020805141411.0083cb10@rouge.phys.lsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just did some web page revisions and added a seies of photos of straight
key collection. There's at least one in there I don't know the origin of -
please let me know if you recognize it.

also new photos of an SW30+ built into a wood case

72
Jim N5IB
<http://www.qsl.net/n5ib>

Date: Mon, 5 Aug 2002 16:13:11 -0500
From: "David Durant" <n4xce@bellsouth.net>
To: <qrp-l@lehigh.edu>
Subject: [131568] K1 HW9 for sale
Message-ID: <003101c23cc4$e792a840$8ea49d42@workstation>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:
Elecraft K1 with KNB1 noise blanker , KAT1 internal autotuner , 40/20 meter
board installed plus additional board for 30/15 meters complete manual $400

Heathkit HW9 QRP transceiver with WARC kit installed , PSA9 power supply
full manual plus HW9 cook book (Rig works but needs a little TLC) and Welz
SP-15 watt meter 2.5 watt and 20 watt scales 1.8 to 150 mhz with paper work
$200 OBO for package
contact David N4XCE 1-251-478-8823 or n4xce@bellsouth.net

Date: Mon, 05 Aug 2002 16:23:59 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Cc: giamman@rouge.phys.lsu.edu

Subject: [131569] Re: New photos on web page
Message-ID: <5.1.1.6.0.20020805151605.00a32840@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Jim,

I believe your straight key is a copy of a McElroy Streamkey, c. late 30's/40's. I had one (the copy) until I traded it off a few months ago. I used it on the air a few times but recollections are based on memories.

The copies are fairly common, in my experience. But, I have only seen cast metal bases on copies, not the plastic bases that reportedly appear on some originals.

You can tell the keys apart in several ways. The original has three raised verticals on the outside of the cast base, just below the arm pivots. I don't recall seeing them on copies, and mine definitely did not have them

The identifying corporate info is cast into the front of the base base on the original. There are no identifying marks on the copies I have seen.

The copies have fairly coarse slotted screws (nickle plated) and hex nuts on the pivots, tensioning assembly and the arm stop. And, the screws themselves are usually longer than they really need to be - awkward looking. The original screw heads are knurled and chrome plated and the original nuts are round.

The arm, shorting plate and shorting bar are nicely chrome plated on both the copies and originals that I have seen. The knobs on both versions are bakelite, not plastic.

There are differences in how the lever pivots and screws are configured/machined but I can't recall the specifics right now. Ditto for how the tensioning spring is mounted - if it's a cup mount or the wire-end inserted into a mating hole in the base.

Finally, on the copies it is not uncommon to see stress cracks in the underside of the cast base. I assume these came about during the casting/cooling process as they are always contain paint. The original castings have a consistent high-quality appearance.

The copies I have seen have crackle finishes with minimal "tooth". I'm told the originals had either crackle or smoothly painted finishes, but I have only seen the latter.

Hope the hand-key recollections are helpful to you, Jim. And, congratulations on your web page - great pictures and certainly very inspiring.

Regards,

de Dave, NF0R nf0r@slacc.com

Date: Mon, 5 Aug 2002 18:00:49 -0400
From: "Sam Billingsley" <sambillingsley@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [131570] My Bumblee Bee Contest Report w/pixs
Message-ID: <000c01c23ccb$8f8a7a40$6401a8c0@BIGBOX>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's a short writeup with pictures of my Bumblee Bee Contest activity.

http://www.qsl.net/ae4gx/BB_BlackRock072702.html

Loads of fun. Thanks Mike KO4WX for the camping stuff and food Thanks Mike W3IRZ for making the GA Sierra a reality.

Sam AE4GX

End of QRP-L Digest 2638

